

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/006278

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ B22D11/06, 11/106, B22F3/00, 9/04, C22C33/02, 38/00,
H01F1/053, 1/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ B22D11/06, 11/106, B22F3/00, 9/04, C22C33/02, 38/00,
H01F1/053, 1/08

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2005
Kokai Jitsuyo Shinan Koho	1971-2005	Toroku Jitsuyo Shinan Koho	1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2002-50507 A (Seiko Epson Corp.), 15 February, 2002 (15.02.02), Full text; all drawings & US 2002/0066498 A1	1-13
A	JP 10-36949 A (Showa Denko Kabushiki Kaisha), 10 February, 1998 (10.02.98), Full text; all drawings & EP 0801402 A1	1-13
A	JP 9-170055 A (Showa Denko Kabushiki Kaisha), 30 June, 1997 (30.06.97), Full text; all drawings (Family: none)	1-13

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
13 June, 2005 (13.06.05)

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Name and mailing address of the ISA/
Japanese Patent Office

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